

Title (en)

Vectors comprising toxic genes for cloning and expression

Title (de)

Vektoren, welche toxische Gene enthalten, zu Klonierungs- und Expressionszwecken

Title (fr)

Vecteurs de clonage et expression comprenant des gènes toxiques

Publication

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Application

EP 08159712 A 20080704

Priority

GB 0713179 A 20070706

Abstract (en)

A vector for transformation into a host cell is described comprising a toxic gene encoding a product that is lethal to the host cell, wherein the toxic gene comprises: an essential sequence region whose integrity is necessary in order for the encoded toxic gene product to be lethal to the host cell; an inessential sequence region whose integrity is not essential in order for the encoded toxic gene product to be lethal to the host cell; a regulatory sequence inserted in-frame into the inessential sequence region; and a cloning site within the essential sequence region for insertion of a nucleic acid sequence, wherein the regulatory sequence and the cloning site are positioned so as to allow the regulatory sequence to be operably linked to a nucleic acid sequence when the nucleic acid sequence is inserted into the cloning site.

IPC 8 full level

C12N 5/10 (2006.01); **C12N 15/63** (2006.01)

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